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U.S. LITH ITY Patent Application

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Ptz O.I.P.E.	PATENT DATE						
TY TY	MAR 18 2003						
SCANNED Q Q.A. A.G.							

APPLICATION NO. CONT/PRIOR CLASS SUBCLASS ART UNIT EXAMINER Pittman 09/639486 228 1725 20,

Chad Cobbley Michael Ball Marjorie Waddel

Certificate

AUG 2 6 2003

Method of attaching solder balls to PGA Fackage utilizing a fool to pick and dip the solder ball in flux Of Correction

*		ISSUING	CLÁSSII	FICATI	ON		
ORIGINAL			CROSS REFERENCE(S)				
CLASS	SUBCLASS	CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)			BLOCK)	
228	20,1	228	33	41	45		
INTERNATIONAL CLASSIFICATION		ON					
B 23 K 2	0/22				1		
B23K 1	100					<u> </u>	
B 23 K 37	102						
					Continued	on Issue Sli	p Inside File Jacket

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TERMINAL	DRAWINGS			CLAIMS ALLOWED		
DISCLAIMER	Sheets/Drwg.	Figs. Drwg.	Print Fig.	Total Claims	Print Claim for O.G.	
	109	15	3	15		
☐ The term of this patent				NOTICE OF ALL	OWANCE MAILED	
subsequent to (date) has been disclaimed.	Zidia PS (Assistant E		8/24/02 (Date)			
☐ The term of this patent shall	Lombun			8-27-02		
not extend beyond the expiration date of U.S Patent. No SUPERVISORY PATENT EXAMINER			MINER	ISSI	JE FEE	
	TECHNOL	ogy center 1	700	mount Due	Date Paid 9	
	(Prinylary E	Examiner)	8/26/02 (Date)	\$1280.00	11/75/02	
☐ The terminalmonths of this patent have been disclaimed.	(Legal Instrume	Maritis Examilier)	(Date)	ISSUE BAT	CH/NUMBER	
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The information disclosed herein may be re- Possession outside the U.S. Patent & Trader	stricted, Unauthorized mark Office is restricted	disclosure may be to authorized empt	prohibited by the oyees and contra	United States Code Title 35 ctors only.	5, Sections 122, 181 and 368.	
orm PTO-436A			FILED WITH	: DISK (CRF)	FICHE CD-ROM	

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